

hf Happenings



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the week of 21 September 2015



We have a Winner

A copy of the 2014 ARRL Handbook is the prize in a lucky draw for the three SARL HF Contests held in August. Sgt Elmarie Brand of the School of Armour was asked to draw the winning

call sign.

The winner of this special ARRL Handbook is Geoff Levey, ZS6C. Congratulations Geoff.

To the Hell and back

A group of radio amateurs from the Western Cape and Northern Cape will be going to the Hell (KF06up or S33.35852 E21.68978) on from Thursday 24 September to Sunday 27 September. The team will use the call sign ZS9HEL. The Hell or Gamkaskloof is situated in the Swartberg Nature Reserve and is approximately 100 kilometres from Oudtshoorn.

The goal is to achieve a SARL Worked All ZS Award and a Top Band certificate. The following frequencies will be monitored on 160, 80, 40 and 20 metres - 1 890, 3 740, 7 150 and 14 180. The team will also try to monitor 10 125 kHz and 5 290 kHz. QSL via the bureau and e-QSL. South African stations are requested to use the SARL Electronic QSL system. For more information about the Hell, visit www.diehel.com

The Provisional Results of the National Field Day

The committee received 16 logs and 2 check logs for the second leg of the South African Radio League National Field Day held on 12 and 13 September.



Class A - field station multi-operator

- 1st West Rand ARC, 126 240 points
- 2nd Highway ARC, 124 680 points
- 3rd Welkom ARC, 103 080 points
- 4th Pretoria ARC, 77 004 points
- 5th Hibiscus ARC, 54 840 points
- 6th Sasolburg ARC, 37 560 points
- 7th Zululand ARC, 34 020 points
- 8th Bloemfontein ARC, 29 700 points
- 9th Patrick Saudrais, ZS3PS and friends, 18 846 points

Class B - field station multi-operator, QRP

Class C - field station single operator

Class D - field station single operator, QRP

- 1st Pierre van Deventer, ZS6A/4, 11 880 points

Class E - Ultralight Portable

- 1st Dave Higgs, ZS2DH, 16 380
- 2nd Eddie Leighton, ZS6BNE, 1 800

Class F - General Stations

- 1st Pieter Jacobs, ZS6XT, 36 540 points
- 2nd Johan van Zijl, ZS4DZ, 11 120 points
- 3rd Pam Momberg, ZS6APT, 360 points



South African Radio League * Suid-Afrikaanse Radioliga
Member Society of the International Amateur Radio Union since 1925



4th Stephan van Jaarsveldt, ZS6SVJ, 240 points

Check logs

Bruce Dunn, ZS5XT

Joop Hesp, ZS6JP

Congratulations to the winners.

Combined results of the National Field Day

The results of the February and September legs of the South African Radio League National Field Day

Class A - field station multi-operator

1st Highway ARC, 229320 points

2nd West Rand ARC 217 068 points

3rd Pretoria ARC, 138 456 points

4th Welkom ARC, 103 080 points

5th Sasolburg ARC, 75 576 points

6th Zululand ARC, 55 764 points

7th Hibiscus ARC, 54 840 points

8th Bloemfontein ARC, 29 700 points

9th Patrick Saudrais, ZS3PS and friends, 18 846 points

10th ZS90SARL, 15 204 points

Class B - field station multi-operator, QRP

1st Potchefstroom ARC, 33 534 points

Class C - field station single operator

Class D - field station single operator, QRP

1st Pierre van Deventer, ZS6A/4, 11 880 points

Class E - Ultralight Portable

1st Dave Higgs, ZS2DH, 16 380

2nd Eddie Leighton, ZS6BNE, 1 800

Class F - General Stations

1st Pieter Jacobs, ZS6XT, 36 540 points

2nd Johan van Zijl, ZS4DZ, 11 120 points

3rd Graham Busse, ZS6GL, 560 points

4th Romeo Nardini, ZS6ARQ, 400 points

5th Pam Momberg, ZS6APT, 360 points

6th Stephan van Jaarsveldt, ZS6SVJ, 240 points

September

2 – Secretary's Day

3 Closing date October RAE

4 – Casual Day; 1 SA Tank Regiment Night Shoot

5 – SA Armour Museum Open Day

6 – Closing date for HF CW Logs; Cellar Rats Wine Festival, The Old Mill, Magaliesburg

5 and 6 - IARU Region 1 SSB Field Day

12 and 13 – SARL National Field Day

14 and 15 - Rosh Hashanah

16 – World Ozone Day

19 - Amateur Radio in Action, Pretoria

19 and 20 – SARL VHF/UHF Contest; SAC CW Contest

20 – Closing date for National Field Day logs

23 -Yom Kippur; Spring Equinox

24 –National Braai Day (National Heritage Day)

25 –School holiday

26 – Live Free Fun Walk, Bloemfontein Zoo; Namaqua

West Coast Heritage Weekend, Doringbaai

26 and 27 - CQ WW RTTY Contest

27 –Closing date for VHF/UHF logs

October

1 - SARL 80 metre QSO Party

2 – All schools close

3 – SARL Spring QRP Contest

4 – RSGB 21/28 MHz Contest

9 – Meet with Koos, ZR6KF, at the Oakdale ARC

10 – Amateur Radio in Action, Cape Town

10 and 11 - AWA Valve QSO Party

12 - All schools open

15 – Radio Amateur Examination

16 to 18 – Jamboree-on-the-Air

17 – CQ Hou Koers

17 - Harrismith Mountain Race

<http://www.amethyst.co.za/Harrismith/>

24 – Crafters Market, Bloemfontein

24 and 25 – CQ WW DX Phone Contest

Congratulations to the winners

SARL 80 m QSO Party

On Thursday evening 1 October, you can participate in the second leg of the SARL 80 m QSO Party. The contest runs from 17:00 to 20:00 UTC.

SARL Spring QRP Contest

On Saturday 3 October, the SARL Spring QRP Contest will be on the air. The first hour of this 3-hour contest is on 40

metres only. Thereafter activity can move to other HF contest bands. The contest runs from 12:00 to 15:00 UTC.

RaDAR

Eddie, ZS6BNE, says that his friend Greg Lane, N43KGL, wrote on Google+, "It is time to start RaDAR "Dreaming". RaDAR is Rapid Deployment Amateur Radio. The next RaDAR Challenge is 7 November 2015. It is indeed challenging and rewarding to stress your equipment and operating skills in a multiple location scenario over a 24-hour period. Make five contacts and move! Think of those scenic portable operating locations you know and string them together. Also, consider how to transit between those locations by foot, bike, canoe, car or other means. What is your RaDAR Dream? Live it on 7 November!"

TQSL 2.1.1

A new release of TQSL (the application used to digitally sign and upload QSOs to LoTW and to manage the Call sign Certificates) is now available. TQSL 2.1.1 has corrections for several defects that were found in TQSL 2.0 as well as enhancements to improve usability. On all three supported platforms (Windows, MacOS and Linux), installing TQSL 2.1.1 will replace older versions of Trusted QSL while preserving your Call sign Certificates, Station Locations and preferences. Complete release notes can be found at <http://www.rickmurphy.net/lotw/>.

TQSL 2.1.1 will be offered upon start-up of TQSL or if you use the "Check for Updates" feature.

It can also be downloaded from <http://www.arrl.org/tqsl-download>.

New Robin Hood award launched



Balsam!

The Phoenix Amateur Radio Club, based around Nottingham, has recently launched the Robin Hood Award. We all remember Robin Hood, Little John, Maid Marian and Friar

It is for making contact with fixed or portable radio stations at the many places associated with the legendary character, not just around Nottingham. There are categories for both activators and chasers. Details of the self-regulated free award can be found at <https://sites.google.com/site/robinhoodaward>.

N1MM and ICOM Radios

N1MM Logger+'s version 12.03.00 and later requires certain ICOM radios (e.g. IC-7600, IC-7700, IC-7800, IC-9100, this list may not be exhaustive) to use more recent versions of the ICOM firmware which include a get-split command. If you recently updated N1MM Logger+ and your radio is no longer recognized, check N1MM Logger+ release notes to see if your radio model has such a requirement, and that your radio is up to date. http://n1mm.hamdocs.com/tiki-index.php?page=Supported+Radios#IC-7600_using_address_7A_hex

Word to the Wise

Galling. Galling is wear or damage occurring when two materials exhibit friction and/or adhesion between each other. Metals that depend on their oxides to inhibit corrosion, for example aluminium and titanium, as well as some softer steels, are prone to galling. If you are doing tower work with stainless steel hardware, it is recommended that you use some type of anti-seize compound on the threads to reduce the potential for galling.

Galling can also be the description of the experience of not placing in a top-ten spot because you forgot to send in your log.

Operating Tip

Signal reports during contests. Unless a contest sponsor says they are going to actually check signal reports as part of the exchange, it is generally a waste of effort to provide any report other than 59 or 5NN. During contests, the signal report is in reality used to frame the useful portions of the

exchange. In marginal signal conditions, using anything other than 59 or 5NN may hinder the effective copying of the other useful parts of the exchange. In addition, if you use 5NN for the signal report on RTTY, you are sending at minimum four 5-bit characters instead of the optimum three.

Web Site of the Week

Reading them on paper only enhances the charm of the Carl and Jerry stories that John Frye wrote for *Popular Electronics* between 1954 and 1964. Yes, they are dated, but they are also a heck of lot of fun to read, as the duo get involved in situations that always require some application of electronics, but ultimately are about humanity. A number of the stories are available to read online, but reading the book collections is a great way to spend a winter afternoon. <http://www.copperwood.com/carlandjerry.htm>.

Technical Web Site(s) of the Week - Stubs!

While operating W7DX in the Salmon Run contest last weekend, members of our team were discussing inter-station interference and coax stubs. A quick internet search turned up Jim, K9YC's Q&A for coax and coax stubs (PDF) <http://audiosystemsgroup.com/Coax-Stubs.pdf>. In addition to an explanation of the important quality characteristics of coax and a summarization of the theory behind the use of stubs, Jim has provided a nice collection of pointers to information so that you can go as deep as you like.

N3RR completed a big project to add stubs to his station, and was kind enough to share his project details with everyone (PDF) <http://users.erols.com/n3rr/>. This 46 page PDF serves as his own station documentation, but also shows the thought and work that goes into a project like this.

Need an oscilloscope or signal generator

If you need an oscilloscope or signal generator in the audio range, your smart phone may have an app for that <http://www.instructables.com/id/OscilloPhone-Use-your-Smartphone-as-an-Oscilloscope>.

Do not forget that your laptop can also do this with appropriate sound input/outputs, and there is plenty of open source or free applications to generate or manipulate waveforms (for example, Audacity). Audacity is also useful to prepare your voice macros for your contesting logging program.

<http://sourceforge.net/projects/audacity/>

Electric fences

The NRAO published some pointers on electric fence construction and maintenance to minimize RFI

<http://www.gb.nrao.edu/IPG/Fence.shtml>.

African DX

Zimbabwe, Z2. Petr, OK1FCJ/OL8R, Pavel, OK1FPS, and David, OK6DJ will go on a DXpedition to Zimbabwe from 20 September to 2 October. Their call sign will be Z21MG and they plan to be active on 160 - 10 m using CW, SSB and digital and hope for many QSOs in the CQ WW RTTY Contest. QSL via OK6DJ, direct or via the bureau, ClubLog OQRS, LoTW and eQSL. For more information, visit <http://www.cdxc.cz/>

African Islands

IOTA frequencies

CW: 28 040 24 920 21 040 18 098 14 040 10 114 7 030 3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz

Madeira Islands, CR3/CT9. The CR3L contest station in Santana on Madeira Island (AF-014) will be active during the CQ WW DX RTTY Contest, 26 and 27 September, as a Multi-Multi entry. Operators mentioned are Juergen, DG7JB, Ulrich, DJ2YA, Walter, DJ6QT, Tom, DL6TK, Norbert, DJ7JC, Horst, DK1QH, and Dieter, DK4QT. QSL

CR3L via DJ6QT. Activity by operators outside of the contest will sign as CT9/home call. QSL via their home call sign. Visit the CR3L Santana, Madeira Island, Web page at <http://www.cq3l.de>

Mauritius, 3B8. Willi, DJ7RJ, will be active as 3B8/DL7RJ between 5 and 30 October. Activity will be on 160 to 10 metres with a focus on 160 m using CW and SSB. QSL via his home call sign direct.

Kerguelen Island, FT4X. A couple of sources reported this past week that Nicolas, F4EGX, will be going to Ratmanoff, Kerguelen Island (AF-048) late this year and early 2016. His call sign will be FT4XU. Activity will be limited there due to his work. Look for more details to be forthcoming.

History this week

The week starting 21 September 2015

1513 - Spanish explorer Vasco Nunez de Balboa first sighted the Pacific Ocean after crossing the Isthmus of Panama (25 Sept)

1687 - The Venetian army attempting to oust the Turks, resulting in heavy damage to the Parthenon, attacked the Acropolis in Athens (26 Sept)

1791 - British scientist Michael Faraday (1791 - 1867) was born in Surrey, England. His discovery of electromagnetic induction proved that moving a magnet through a coil of wire produces a current, resulting in the development of electric generators (22 Sept)

1828 - His two half-brothers killed Shaka, chief of the Zulus and founder of the Zulu empire (22 Sept)

1862 - Otto von Bismarck became premier of Prussia. He forged a loose confederation of German states into a powerful nation, with Wilhelm I becoming Kaiser of the new German Empire (23 Sept)

1890 - Field Marshall Friedrich von Paulus (1890 - 1957) was born in Breitenau, Germany (23 Sept)

1936 - Puppeteer Jim Henson (1936 - 1990) was born in Greenville, Mississippi. He created the Muppets, including Kermit the Frog, and Bert and Ernie (24 Sept)

1918 - The last major battle of World War I, the Battle of the Argonne, began as a combined force of French and Americans attacked the Germans along a 40-mile front (26 Sept)

1937 - The Hobbit is published (21 Sept)

1949 - Its Communist leaders proclaimed the People's Republic of China (21 Sept)

23 September - Spring Equinox in the Southern Hemisphere and Autumn Equinox in the Northern Hemisphere

2890 (SR) Bilbo Baggins born in the Shire (22 Sept)

2941 (SR) Bilbo and the dwarves escape from Thranduil's cave (21 Sept)

2941 (SR) Bilbo and the barrels (with the dwarves inside) reach Lake Town (22 Sept)

2968 (SR) Frodo Baggins is born in the Shire (22 Sept)

3001 (SR) Bilbo celebrates his eleventy one and Frodo is thirty three - the big party (22 Sept)

3018 (SR) Four Riders enter the Shire, one Rider enters Hobbiton (23 Sept)

Get on the RaDAR....and GO!

RADAR
GOES GLOBAL

Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 21 to 28 September 2015

SKCC Sprint

00:00 - 02:00 UTC 23 September

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m



Classes: (none)
Exchange: RST, state, province or country, name and SKCC no or power
Work stations: Once per band
QSO Points: 1 point per QSO; Bonus Points: 5 points per Centurion member QSO per band; 10 points per Tribune member QSO per band; 25 points per QSO with SKCC club call (K9SKC) per band
Multipliers: Each state, province or country once
Score Calculation: Total score = (total QSO points x total mults) and bonus points
Submit logs by: 23:59 UTC 25 September 2015
E-mail log summary to: (none)
Post log summary at:
http://www.skccgroup.com/operating_activities/weekday_sprint/submit-display.php
Mail logs to: (none)
Find rules at:
http://www.skccgroup.com/operating_activities/weekday_sprint/

Pirate QSO Party
00:30 - 03:30 UTC 23 September
Mode: SSB
Bands: 40, 20, 15 m
Classes: Single Op - red or blue - QRP, low or high (see rules); Multi-Single - red or blue (see rules)
Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts
Exchange: (see rules)
Work stations: Once per band
QSO Points: (see rules)
Multipliers: doubloons (see rules)
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 30 September 2015
E-mail logs to: w6rrr@arrl.net
Mail logs to: San Fraser, W6RRR, 702 California St., Santa Cruz, CA 95060, USA
Find rules at:
<http://pirateqsoparty.weebly.com/rules.html>

Phone Fray
02:30 - 03:00 UTC 23 September
Mode: SSB
Bands: 160, 80, 40, 20, 15 m

Classes: Single Op
Max power: 100 watts
Exchange: NA: Name and state, province or country; non-NA: Name
Work stations: Once per band
QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station
Multipliers: Each US state (including KH6/KL7) once per band; Each VE province/territory once per band; Each North American country (except W/VE) once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 03:00 UTC 25 September 2015
E-mail logs to: (none)
Post log summary at:
<http://www.3830scores.com>
Mail logs to: (none)
Find rules at:
http://www.perluma.com/Phone_Fray_Content_Rules.pdf

CWops Mini-CWT Test
13:00 - 14:00 UTC and 19:00 - 20:00 UTC 23 September and 03:00 - 04:00 UTC 24 September
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op - QRP, low or high
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts
Exchange: Member: Name and member no; non-Member: Name and state, province or country
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: Each call once
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 04:00 UTC 26 September 2015
Post log summary at:
<http://www.3830scores.com>
Mail logs to: (none)
Find rules at:
<http://www.cwops.org/cwt.html>

RSGB 80 m Club Sprint, CW
 19:00 - 20:00 UTC 24 September
 Mode: CW
 Bands: 80 m Only
 Classes: 100 W; 10 W
 Exchange: other station's call, your call, serial no and your name
 QSO Points: 1 point per QSO
 Multipliers: (none)
 Score Calculation: Total score = total QSO points
 Submit logs by: 1 October 2015
 Upload log at:
<http://www.rsgbcc.org/cgi-bin/hfenter.pl>
 Mail logs to: (none)
 Find rules at:
<http://www.rsgbcc.org/hf/rules/2015/rsprint.shtml>

NCCC RTTY Sprint Ladder
 01:45 - 02:15 UTC 25 September
 Mode: RTTY
 Bands: 160, 80, 40, 20, 15 m
 Classes: Single Op
 Max power: 100 watts
 Exchange: Serial no, name and QTH
 Work stations: Once per band
 QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station
 Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once per band; Each North American country (except W/VE) once per band
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 7 September 2015
 E-mail logs to: (none)
 Post log summary at:
<http://www.3830scores.com>
 Mail logs to: (none)
 Find rules at:
<http://www.ncccsprint.com/rules.html>

NCCC Sprint
 02:30 - 03:00 UTC 25 September
 Mode: (see rules)
 Bands: (see rules)
 Classes: (none)
 Exchange: Serial no, name and QTH

Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 27 September 2015
 E-mail logs to: (none)
 Post log summary at:
<http://www.3830scores.com/>
 Mail logs to: (none)
 Find rules at:
<http://www.ncccsprint.com/rules.html>

CQ Worldwide DX RTTY Contest
 00:00 UTC 26 September to 24:00 UTC 27 September
 Mode: RTTY
 Bands: 80, 40, 20, 15, 10 m
 Classes: Single Op All Band - high, low or QRP; Single Op Single Band - high, low or QRP; Single Op Assisted All Band - high, low or QRP; Single Op Assisted Single Band - high, low or QRP; Multi-Single; Multi-Two; Multi-Multi
 Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts
 Exchange: 48 States/Canada: RST, CQ Zone and state or VE area; All Others: RST and CQ Zone
 Work stations: Once per band
 QSO Points: 1 point per QSO with same country; 2 points per QSO with same continent; 3 points per QSO with different continent
 Multipliers: Each US state/VE area once per band; Each DXCC/WAE country once per band; Each CQ zone once per band
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 2 October 2015
 E-mail logs to: rtty@cqww.com
 Web-to-Cabrillo form:
http://www.b4h.net/cabforms/cqwwrtty_cab.php
 Mail logs to: Ed Muns, WOYK, PO Box 1877, Los Gatos, CA 95031-1877, USA
 Find rules at:
http://www.cq-amateur-radio.com/cq_contests/cq_ww_rtty_dx_contest/cq_ww_rtty_dx_contest_rules/2015_cq_ww_rtty_dx_contest_rules.pdf

Maine QSO Party

12:00 UTC 26 September to 12:00 UTC 27 September

Mode: CW, Phone

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high; Single Op Mobile - low; Multi-Single - low or high; Multi-Multi

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: ME: RS(T) and county; non-ME: RS(T) and state, province or "DX"

Work stations: Once per band per mode

QSO Points: 2 points per QSO with ME stations; 1 point per QSO with non-ME stations

Multipliers: ME counties, states, provinces, DXCC countries once per band per mode

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 12 October 2015

E-mail logs to: maineqsoparty@gmail.com

Mail logs to: Thom Watson, 16 Hope Drive, Gorham, ME 04038, USA

Find rules at:

http://www.qsl.net/ws1sm/Maine_QSO_Party.html

Texas QSO Party

14:00 UTC 26 September to 02:00 UTC 27 September and 14:00 - 20:00 UTC 27 September

Mode: All

Bands: All, except WARC

Classes: Fixed Single Op Mixed; Fixed QRP Single Op; Fixed Single Op CW; Fixed Single Op; Phone; Fixed Multi-Op; TX Mobile Single Op Mixed; TX Mobile Multi-Op; TX Mobile Single Op CW; TX Mobile Single Op Phone

Max power: HP: >5 watts CW/digital, >10 watts phone; QRP: 5 watts CW/digital, 10 watts phone

Exchange: TX: RS(T) and county; non-TX: RS(T) and state, province, country or MM region

Work stations: Once per band per mode per county

QSO Points: 2 points per phone QSO; 3 points per CW/digital QSO; TX Stations: 500 bonus points for each TX mobile worked in five different counties; TX Mobiles: 1 000

bonus points for each TX county covered with at least 5 QSOs; non-TX Stations: 500 bonus points for each TX mobile worked in 5 different counties and another 500 bonus points for working the same TX mobile in an additional 5 counties

Multipliers: TX Stations: Each TX county, state, province, DXCC country once; non-TX Stations: Each TX county once

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 31 October 2015

E-mail logs to: no5w.chuck@gmail.com

Mail logs to: TQP Committee, 24415 Deep Meadow Dr, Tomball, TX 77375, USA

Find rules at: <http://www.txqp.net/>

Classic Exchange, Phone

13:00 UTC 27 September to 07:00 UTC 28 September and 13:00 UTC 29 September to 07:00 UTC 30 September

Mode: AM, SSB, FM

Bands: 160, 80, 40, 20, 15, 10, 6, 2 m

Classes: (none)

Exchange: Name, RS, state, province or country and rcvr/xmtr manuf/model

Work stations: Once per band per mode per rcvr/xmtr manuf/model

QSO Points: (see rules)

Multipliers: (see rules)

Score Calculation: Total score = sum (total mode QSO points x total mode mults) and bonus points

Submit logs by: 30 November 2015

E-mail logs to: WQ8U@gmail.com

Mail logs to: WQ8U, 104 W. Queen St., Hillsborough, NC 27278, USA

Find rules at:

<http://www.classicexchange.org/sep15/sep15ann.html>

Peanut Power QRP Sprint

20:00 - 22:00 UTC 27 September

Mode: CW, SSB

Bands: 40, 20, 15 m

Classes: Goober: 1 W CW/2 W SSB Portable; Salted: 5 W CW/10 W SSB Portable; Boiled: 1 W CW/2 W SSB Home; Roasted: 5 W CW/10 W SSB Home; Raw: >5 W CW/>10 W SSB Home or Portable

Exchange: RS(T), state, province or country and peanut no or power output
 Work stations: Once per band per mode
 QSO Points: 7 points per QSO with peanut station; 3 points per QSO with non-peanut station
 Multipliers: Each state, province or country, once per band per mode
 Score Calculation: Total score = total QSO points x total mults
 Submit logs by: 15 October 2015
 E-mail logs to: pete@nogagrp.org
 Mail logs to: (none)
 Find rules at:
<http://www.nogagrp.org/PeanutPower/rules.pdf>

Next Week's Contests

Classic Exchange, Phone, 13:00 UTC 27 September to 07:00 UTC 28 September and 13:00 UTC 29 September to 07:00 UTC 30 September
 Phone Fray, 02:30 - 03:00 UTC 30 September
 CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 20:00 UTC 30 September and 03:00 - 04:00 UTC 1 October
 UKEICC 80 m Contest, 20:00 - 21:00 UTC 30 September
 SARL 80 m QSO Party, 17:00 - 20:00 UTC 1 October
 NRAU 10 m Activity Contest, 17:00 - 18:00 UTC (CW), 18:00 - 19:00 UTC (SSB), 19:00 - 20:00 UTC (FM) and 20:00 - 21:00 UTC (Dig) 1 October
 NCCC Sprint, 02:30 - 03:00 UTC 2 October
 YLRL DX/NA YL Anniversary Contest, 14:00 UTC 2 October to 02:00 UTC 4 October
 15-Metre SSTV Dash Contest, 00:00 UTC 3 October to 23:59 UTC 4 October
 TARA PSK Rumble Contest, 00:00 - 24:00 UTC 3 October
 German Telegraphy Contest, 07:00 - 10:00 UTC 3 October
 SARL Spring QRP Contest, 12:00 - 15:00 UTC 3 October
 Oceania DX Phone Contest, 08:00 UTC 3 October to 08:00 UTC 4 October

Russian WW Digital Contest, 12:00 UTC 3 October to 11:59 UTC 4 October
 TRC DX Contest, 12:00 UTC 3 October to 12:00 UTC 4 October
 GTC CW Cup, 12:00 UTC 3 October to 12:00 UTC 4 October
 California QSO Party, 16:00 UTC 3 October to 22:00 UTC 4 October
 International HELL-Contest, 16:00 - 18:00 UTC 3 October (80 m) and 09:00 - 11:00 UTC 4 October (40 m)
 FISTS Fall Slow Speed Sprint, 17:00 - 21:00 UTC 3 October
 4 State 4x4 QRP Sprint, 17:00 - 21:00 UTC 3 October
 WAB HF Phone, 19:00 UTC 3 October to 19:00 UTC 4 October
 UBA ON SSB Contest, 06:00 - 10:00 UTC 4 October
 RSGB 21/28 MHz Contest, 07:00 - 19:00 UTC 4 October
 ARS Spartan Sprint, 01:00 - 03:00 UTC 6 October

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, the Islands, the Amateur Radio Newsletter and the Castles and Portable Operations Bulletin

